

REMARKS:

In the Office Action mailed on November 5, 2004, the Examiner rejected claims 1, 2, 4 - 6 and 14 under 35 U.S.C. section 102 (b) as being anticipated by Bouchon et al. (US 5,626,497) and indicated that claims 3, 7 - 13, and 15 - 22 would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

With this amendment claims 3 and 16 have been canceled, claims 1, 14, and 17 have been amended, and claims 23 - 26 been added. Claims 1, 2, 4 - 15, and 17 - 26 remain in this application.

The Examiner is thanked for his consideration in indicating that claims 3, 7 - 13, and 15 - 22 have patentable subject matter and would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. As suggested by the Examiner original claim 1 has been amended to include the limitations of original claim 3 which is now canceled. Since claims 2 and 4 - 13 now depend from allowable amended claim 1, they should also be allowable. As suggested by the Examiner claim 14 has been amended to include the limitations of original claim 16 which is now canceled. Since claims 15 and 17 - 22 depend from allowable amended claim 14, they should also be allowable.

New claim 23 includes the limitations of original claim 1 and the limitation of the intermediate section of the at least one inside pair of conductors is spaced a greater distance apart than the distance the input ends of the respective conductors are spaced apart. New claim 25 includes the limitations of original claim 14 and the limitation of the intermediate section of the at least one inside pair of conductors is spaced a greater distance apart than the distance the input ends of the respective conductors are spaced apart. As shown in figure 12 of Bouchon, the intermediate sections of the inside pair of conductors are spaced apart the same distance that the input terminals are spaced apart. Accordingly, claims 23 and 25 distinguish over Bouchon and should now be patentable.

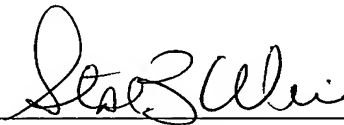
New claim 24 includes the limitations of original claim 1 and the limitation of the elongated intermediate sections of the conductors in the inside pair being spaced apart a distance at least three times wider than the distance the elongated intermediate sections of the conductors

in each outside pair thereof are spaced apart. New claim 26 includes the limitations of original claim 14 and the limitation of the elongated intermediate sections of the conductors in the inside pair being spaced apart a distance at least three times wider than the distance the elongated intermediate sections of the conductors in each outside pair thereof are spaced apart. As shown in Figure 12 of Bouchon, the spacing of the intermediate sections of the inside conductors are only twice the distance that the outside terminals are spaced apart. It is this increased spacing between the intermediate sections of the inside conductors that provides the needed inductive cross talk compensation. Accordingly, claims 24 and 26 distinguish over Bouchon and should now be patentable.

As shown above all of the elements of the claimed invention are not disclosed in the cited reference. The Applicants believe that the rejections and objections raised by the Examiner have been overcome. Accordingly, the Examiner is respectfully requested to allow all of the claims remaining in the application to grant into a patent.

Respectfully submitted,
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